

Figure 1

ORIGIN

1 mqrlgatllc lllaavpta papaptatsa pkpgpalsy pgeeatlnem freveelmed
61 tqhkirsave emeaeeaaak assevnlanl ppsyhetnt dtkvgnnih vhreikhitr
121 nqtqwmfse tvitsvgdee grrsheciid edcgpsmycq fasfqytcqp crgqrmlctr
181 dseccgdqlc vwghctkmat rgsngticdn qrdcpqglcc afqrgllfpv ctplpvegel
241 chdpasrlld litwelepdg aldrpcasg llcqphshsl vyvckptfvq srdqdgeill
301 prevpdeyev gsfmeevrqe ledlersite emalgepaaa aaallggee

Figure 2

BASE COUNT	625 a	618 c	668 g	567 t	1 others	
ORIGIN						
1	ggcacgaggg	ggcggcggt	gcggggcgca	agcggagatg	cagcggcttg	gggccaccct
61	gctgtgcctg	ctgtggcg	cgcggtccc	cacggcccc	gcgcccgtc	cgacggcgac
121	ctcggctcca	gtcaagcccg	gccccgtct	cagctacccg	caggaggagg	ccacccctcaa
181	ttagatgttc	cgcgaggtt	aggaactgt	ggaggacacg	cagcacaaat	tgcgcagcgc
241	ggtggaaagag	atggaggcag	aagaagctgc	tgtctaaagca	tcatcagaag	tgaacctggc
301	aaacttacct	cccagctatac	acaatgagac	caacacagac	acgaaggttg	gaaataatac
361	catccatgt	caccgagaaa	ttcacaaat	aaaaacaaac	cagactggac	aaatgtctt
421	ttcagagaca	gttatcacat	ctgtggaga	cgaagaaggc	agaaggagcc	acgagtgcac
481	catcgacgag	gactgtggc	ccagcatgt	ctgcccattt	gccagettcc	agtacacactg
541	ccagccatgc	cggggccaga	ggatgtctg	cacccggac	agttagtgt	gtggagacca
601	gctgtgtgtc	tggggtaact	gcacccaaat	ggccaccagg	ggcagcaatg	ggaccatctg
661	tgacaaccag	agggactgcc	agecggggct	gtgtgtgtcc	ttccagagag	gcctgtgtt
721	ccctgtgtgc	acacccctgc	ccgtggaggg	cgagcttgc	catgaccccg	ccagccggct
781	tctggacctc	atcacctggg	agctagagcc	tgtggagcc	ttggaccat	gcctgtgtc
841	cagtggcctc	ctctggcagc	cccacagcca	cagcctggtg	tatgtgtgca	agccgacctt
901	cgtggggagc	cgtgaccaag	atggggagat	cctgtgtccc	agagaggtcc	ccgatgagta
961	tgaagtggc	agtttcatgg	aggagggtgc	ccaggagctg	gaggacctgg	agaggagect
1021	gactgaagag	atggcgctgg	ggggacccgt	ggctggccgc	gtgtcactgc	tgggggggaa
1081	agagatttag	atctggacca	ggctgtgggt	agatgtgcaa	tagaaatagc	taattttattt
1141	cccccangtgt	gtgttttaag	cgtgggctga	ccaggcttct	tcctacatct	tcttcccaagt
1201	aagtttcccc	tctggcttga	cagcatgagg	tgttgcata	ttgttcaget	cccccaaggct
1261	gttctccagg	ttcacagtc	tgggttttgg	gagagtcagg	cagggttaaa	ctgcaggagc
1321	agtttgcac	ccctgtccag	attatggct	gtcttgcctc	taccagtttgg	cagacagccg
1381	tttgttctac	atggcttta	taatttttttgg	agggggaggag	atggaaacaa	tgtggagtct
1441	ccctctgatt	ggttttgggg	aaatgtgg	aaagatgtccc	tgctttgcaaa	acatcaacct
1501	ggcaaaaaatg	caacaaatgg	atttttccac	cagtcttttc	catgggcata	ggtaagctgt
1561	gccttcagct	gttgcacat	aatgttctg	ttcacccctgc	attacatgtt	tttatttcatc
1621	cagcagtgtt	gctcagctcc	tacctctgt	ccaggcagc	attttcatat	ccaagatcaa
1681	ttccctctct	cagcacagcc	tggggagggg	gtcattgttc	tcctctgtca	tcaggattt
1741	cagaggtctc	gagactgca	gctgtttgc	caagtccac	agctagtgaa	gaccagagca
1801	gttcatctg	gttgtgactc	taagctca	gtctcttcca	ctacccca	ccagccttgg
1861	tgcacccaaa	agtgtccccc	aaaaggaaagg	agaatggat	tttttttttg	aggcatgcac
1921	atctggaaat	aaggtaaaac	taattttctac	atccctctaa	aagtaaaacta	ctgttaggaa
1981	cagcgtgtt	ctcacagtg	ggggcagccg	tctttctaat	gaagacaatg	atattgacac
2041	tgtccctctt	tggcagttgc	atttagtaact	ttaaaaggta	tatgtactgag	cgtagcatac
2101	agtttaaccc	gcagaaacag	tacttaggt	attgttagggc	gaggattata	aatgaaattt
2161	gcaaaatcac	ttagcagcaa	ctgaagacaa	ttatcaacca	cgtggagaaa	atcaaaaccga
2221	gcagggtgt	gtgaaacatg	gtttaataat	gcgactgcga	acactgaact	ctacccact
2281	ccacaaatga	tgttttcagg	tgtcatggac	tgttgcacc	atgtattcat	ccagagttct
2341	taaagtttaa	agttgcacat	gattgtataa	gcatgttttc	tttgagttt	aaatttatgt
2401	taaacataag	ttgcatttag	aaatcaagca	taaatcaactt	caactgtaa	aaaaaaaaaa
2461	aaaaaaaaaa	aaaaaaaaaa				

Figure 3

DQDG**E**ILLPR

Figure 4

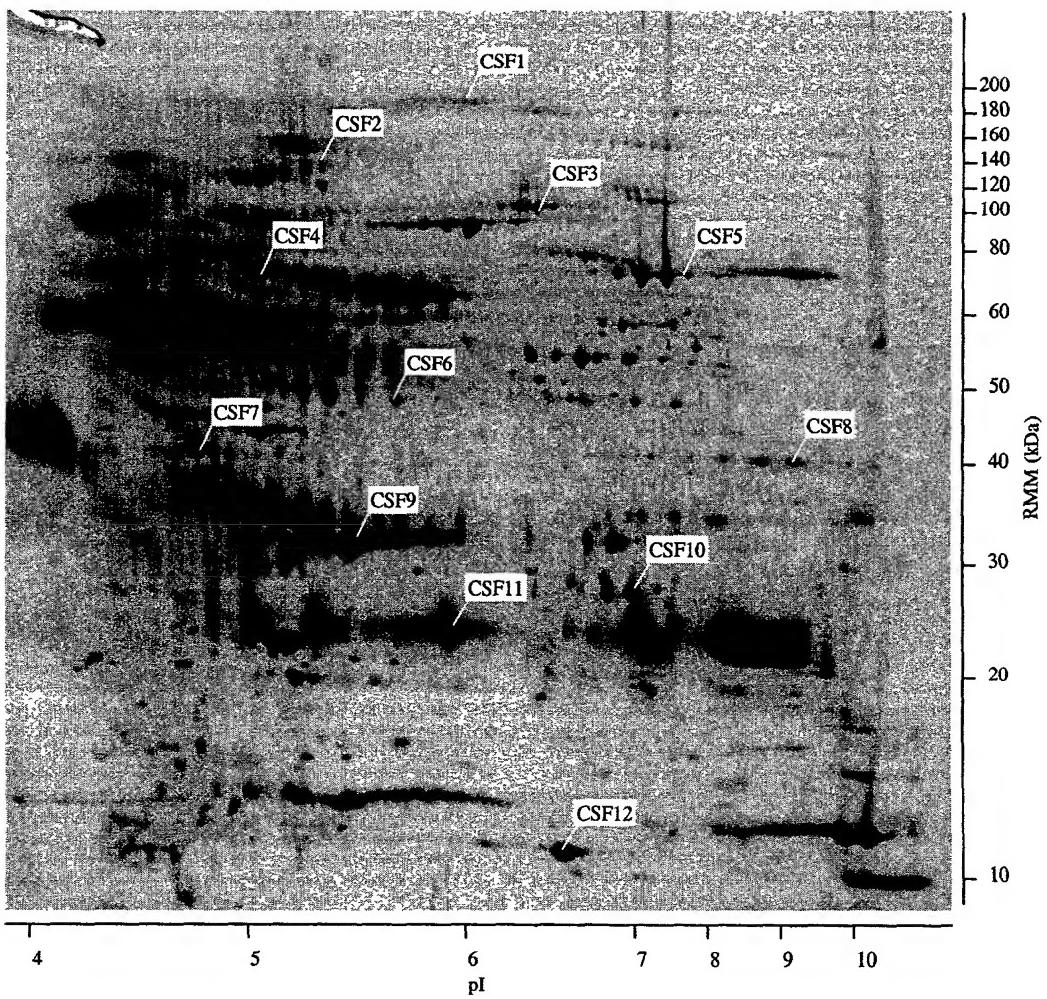


Figure 5

